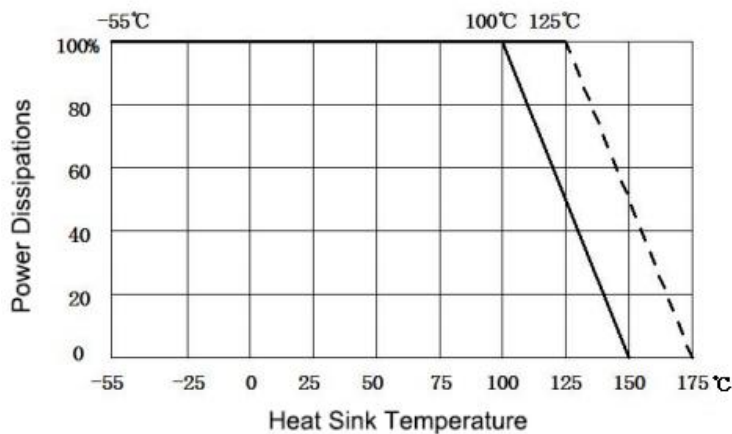


Tab & Cover Resistors

Electrical Features

- ◇ **Resistance:** 100Ω standard (5Ω~3000Ω available)
- ◇ **Resistive Tolerance:** ±5% standard; ±3%, ±2%, ±1% available
- ◇ **Substrate Material:** Aluminum Nitride (AlN)
- ◇ **Power Rating:** 20W-800W
- ◇ **Operating Temperature:** -55°C to +150°C
- ◇ **Temperature Coefficient:** ±150ppm/°C
- ◇ **RoHS Compliant**

Power Derating



HOW TO ORDER

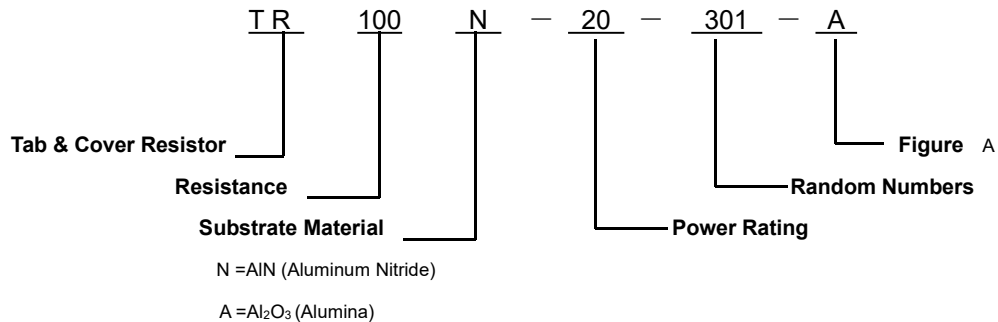
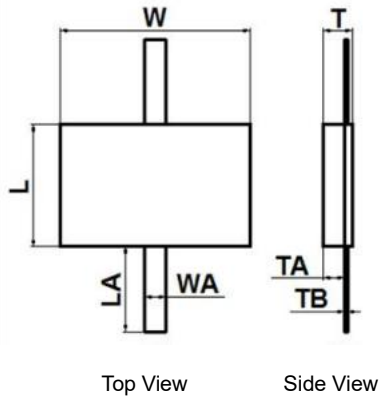


Figure A



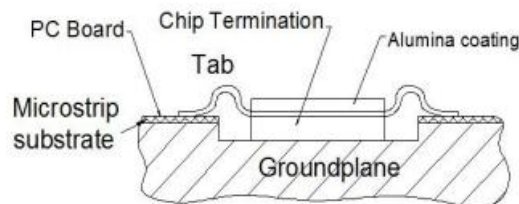
General Specifications and Dimensions

Part Number	Power Rating (W)	Dimensions (mm)							Outline Drawing
		L	W	T	LA	WA	TA	TB	
TRXXN-20-301A	20	5.0	2.5	1.9	4.0	1.0	1.0	0.1	Figure A
TRXXN-60-101A	60	6.0	6.0	1.9	6.0	1.0	1.0	0.1	Figure A
TRXXN-100-502A	100	5.7	8.9	1.9	4.0	1.0	1.0	0.1	Figure A
TRXXN-150-315A	150	6.35	9.5	1.9	6.0	1.4	1.0	0.15	Figure A
TRXXN-250-009A	250	9.5	9.5	2.4	6.0	2.4	1.5	0.1	Figure A
TRXXN-400-705A	400	12.7	12.7	3.2	8.0	2.4	1.5	0.15	Figure A
TRXXN-800-401A	800	26.4	25.4	1.5	8.0	6.4	1.5	0.15	Figure A

* Customized products are available, please consult with Kete.

Installation Instructions

1. When welding devices or leads, it is best to use a temperature-controlled soldering iron and keep the temperature at 260°C.
2. It is best to make an arch bridge shape at the lead (as shown), which can release the ability of thermal deformation to ensure good contact at the lead. Install the lead as little as possible to prevent the lead break.



Tab & Cover Resistors

Part Number: TRXXN-20-301A

Electrical Specifications

- ◇ **Resistance:** 100 Ω standard (5 Ω ~3000 Ω available)
- ◇ **Resistive Tolerance:** $\pm 5\%$ standard
- ◇ **Substrate Material:** AlN
- ◇ **Power Rating:** 20W
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +150 $^{\circ}$ C
- ◇ **Temperature Coefficient:** ± 150 ppm/ $^{\circ}$ C
- ◇ **RoHS Compliant**

Outline Drawing (mm)

Part Number: TRXXN-60-101A

Electrical Specifications

- ◇ **Resistance:** 100 Ω standard (5 Ω ~3000 Ω available)
- ◇ **Resistive Tolerance:** $\pm 5\%$ standard
- ◇ **Substrate Material:** AlN
- ◇ **Power Rating:** 60W
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +150 $^{\circ}$ C
- ◇ **Temperature Coefficient:** ± 150 ppm/ $^{\circ}$ C
- ◇ **RoHS Compliant**

Outline Drawing (mm)

Part Number: TRXXN-100-502A

Electrical Specifications

- ◇ **Resistance:** 100 Ω standard (5 Ω ~3000 Ω available)
- ◇ **Resistive Tolerance:** $\pm 5\%$ standard
- ◇ **Substrate Material:** AlN
- ◇ **Power Rating:** 100W
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +150 $^{\circ}$ C
- ◇ **Temperature Coefficient:** ± 150 ppm/ $^{\circ}$ C
- ◇ **RoHS Compliant**

Outline Drawing (mm)

Tab & Cover Resistors

Part Number: TRXXN-150-315A

Electrical Specifications

- ◇ **Resistance:** 100 Ω standard (5 Ω ~3000 Ω available)
- ◇ **Resistive Tolerance:** $\pm 5\%$ standard
- ◇ **Substrate Material:** AlN
- ◇ **Power Rating:** 150W
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +150 $^{\circ}$ C
- ◇ **Temperature Coefficient:** ± 150 ppm/ $^{\circ}$ C
- ◇ **RoHS Compliant**

Outline Drawing (mm)

Part Number: TRXXN-250-009A

Electrical Specifications

- ◇ **Resistance:** 100 Ω standard (5 Ω ~3000 Ω available)
- ◇ **Resistive Tolerance:** $\pm 5\%$ standard
- ◇ **Substrate Material:** AlN
- ◇ **Power Rating:** 250W
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +150 $^{\circ}$ C
- ◇ **Temperature Coefficient:** ± 150 ppm/ $^{\circ}$ C
- ◇ **RoHS Compliant**

Outline Drawing (mm)

Part Number: TRXXN-400-705A

Electrical Specifications

- ◇ **Resistance:** 100 Ω standard (5 Ω ~3000 Ω available)
- ◇ **Resistive Tolerance:** $\pm 5\%$ standard
- ◇ **Substrate Material:** AlN
- ◇ **Power Rating:** 400W
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +150 $^{\circ}$ C
- ◇ **Temperature Coefficient:** ± 150 ppm/ $^{\circ}$ C
- ◇ **RoHS Compliant**

Outline Drawing (mm)

Tab & Cover Resistors

Part Number: TRXXN-800-401A

Electrical Specifications

- ◇ **Resistance:** 100 Ω standard (5 Ω ~3000 Ω available)
- ◇ **Resistive Tolerance:** \pm 5% standard
- ◇ **Substrate Material:** AlN
- ◇ **Power Rating:** 800W
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +150 $^{\circ}$ C
- ◇ **Temperature Coefficient:** \pm 150ppm/ $^{\circ}$ C
- ◇ **RoHS Compliant**

Outline Drawing (mm)